

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing is the (X) utility, () design, () plant patent application of:

Inventor(s): **Naoto TESHIMA et al**

For: **ENCODER**

Enclosed are:

(X) 9 page(s) of specification (X) 3 page(s) of claims

(X) 1 page(s) Abstract (X) Inventors' Addresses

(X) 2 sheet(s) of (X) formal drawings

() An assignment of the application to _____

() Preliminary Amendment () Information Disclosure Statement

() Associate Power of Attorney () Applicant is a Small Entity

The filing fee is calculated as follows:

| CLAIMS AS FILED | | | | | |
|--------------------------|-----------------|-----------------|-----------------|-----------------|--------|
| FOR | NUMBER FILED | NUMBER EXTRA | RATE | | AMOUNT |
| | | | LARGE ENTITY | SMALL ENTITY | |
| Basic Fee Utility | XXXXX | XXXXX | \$770.00 | \$385.00 | |
| Design | XXXXX | XXXXX | \$340.00 | \$170.00 | |
| Plant | XXXXX | XXXXX | \$530.00 | \$265.00 | |
| Total Claims | - 20 = | | x \$18.00 | x \$9.00 | |
| Independent Claims | - 3 = | | x \$86.00 | x \$43.00 | |
| Multiple Dependency | | | \$290.00 | \$145.00 | |
| Late Fee Surcharge | | | \$130.00 | \$65.00 | |
| Non-English Language Fee | | | \$130.00 | \$130.00 | |
| Assignment Recording Fee | | | \$40.00 | \$40.00 | |
| TOTAL FILING FEE | | | | | |

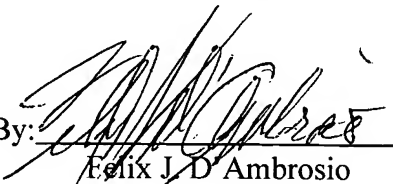
- () A check in the amount of \$_____ to cover the filing fee is enclosed (**Check #**).
- () Please charge Dep. Account No.____ in the amount of \$_____.
- (X) This application is filed under the provisions of 37 CFR 1.53, and does not include:
- (X) Executed Declaration
- (X) Filing Fee
- () The Commissioner is hereby authorized to charge payment of the following fees or credit any overpayment to Deposit Account No. 10-1213. A duplicate copy of this sheet is enclosed.
- () Any additional filing fees required under 37 CFR 1.16.
- () Any patent application processing fees under 37 CFR 1.17.
- () The Issue Fee set in 37 CFR 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 CFR 1.311(b).

- (X) Priority is claimed under 35 USC 119 based on the following:

| Serial No. | Date Filed | Country |
|--------------------|------------------------|--------------|
| <u>2003-002610</u> | <u>January 8, 2003</u> | <u>Japan</u> |
| _____ | _____ | _____ |
| _____ | _____ | _____ |

- () Certified copy (copies) enclosed.

Respectfully submitted,

By: 
 Felix J. D'Ambrosio
 Reg. No. 25,721

December 30, 2003

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